

APPENDIX 1. Continued

Variable	Prevalence, % (n)		P value
	Patients with delirium (n = 1354)	Patients without delirium (n = 14,830)	
Total CPB time ≥ 2 h	21.9% (297)	12.6% (1875)	<.0001
Ischemic time ≥ 1 h	30.4% (411)	21.3% (3163)	<.0001
Intraoperative hemofiltration	16.9% (229)	9.5% (1409)	<.0001
Intraoperative hypothermia $< 32^{\circ}\text{C}$	46.9% (635)	36.4% (5405)	<.0001
Intraoperative RBC transfusion ≥ 1000 mL	6.1% (83)	2.5% (377)	<.0001
Intraoperative low cardiac output	3.6% (49)	2.1% (3011)	.001
Intraoperative IABP	3.0% (41)	1.9% (280)	.006
Intraoperative need for pacemaker stimulation	28.9% (392)	20.0% (2972)	<.0001
Use of cardioplegia	81.5% (1103)	77.1% (11,435)	<.0001
BH	3.2% (43)	12.1% (1799)	<.0001
OPCAB	2.4% (32)	4.9% (733)	<.0001
MIDCAB	0.8% (11)	7.2% (1066)	<.0001
CABG-CPB	52.4% (706)	57.1% (8211)	.024
VALVE-CPB	44.7% (605)	32.5% (4820)	<.0001
Valve surgery	44.6% (604)	32.5% (4821)	<.0001
Combined surgery (CABG and valvular surgery, ascending aortic surgery, and/or other procedures)	25% (338)	14.6% (2168)	<.0001
Double valve surgery	3.9% (53)	2.2% (328)	<.0001
OPCAB—conversion to CABG with cardiopulmonary bypass	0.07% (1)	0.2% (30)	.513
Aortic valve and/or ascending aortic surgery	12.0% (163)	11.2% (1667)	.37
Mitral valve surgery	3.8% (51)	4.4% (657)	.714
Intraoperative blood loss ≥ 500 mL	1.0% (14)	0.6% (88)	.069
Perioperative variables			
Perioperative RBC transfusion ≥ 2000 mL	30.4% (411)	8.5% (1254)	<.0001

CABG-CPB, Coronary artery bypass grafting with cardiopulmonary bypass; BH, beating heart surgery; VALVE-CPB, valvular with cardiopulmonary bypass with or without coronary artery bypass grafting; CABG, coronary artery bypass grafting; OPCAB, off-pump coronary artery bypass grafting; MIDCAB, minimally invasive direct coronary artery bypass grafting; RBC, red blood cells; LVEF, left ventricular ejection fraction; PTCA, percutaneous transcatheter angioplasty; CPB, cardiopulmonary bypass; IABP, intra-aortic balloon pump; TIA, transient ischemic attack; PRIND, prolonged reversible ischemic neurologic deficit; NYHA, New York Heart Association heart failure classification; CCS, Canadian Cardiovascular Society angina classification.

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